VIENNA SYMPHONIC LIBRARY

# Vienna Instruments
# Konzerthaus Organ

**Mapping Documentation**

# Contents

# Introduction

Welcome to the Vienna Symphonic Library's Konzerthaus Organ. This Collection contains an ample selection of stops from the organ in the large hall of the Konzerthaus in Vienna, resulting in a virtual instrument featuring three manuals and a pedal.

The Konzerthaus Organ was built in 1913, during the decline of Romanticism and the rise of Historicism, by the renowned brothers Rieger in Silesia. They tried not only to integrate Baroque elements according to Bach and Silbermann, but also to make the instrument as versatile as possible by implementing modern achievements of disposition and intonation. It was the first organ with 5 manuals in the Austrian Empire and still is the largest one in Austria, comprising 116 voices in five manuals and one pedal.

The organ doesn't have a visible prospect, which also was a novelty at that time. It was first played on 19 October, 1913 – Richard Strauss had composed his "Festliches Praeludium" for organ and orchestra for the occasion.

As always – have fun playing this mighty instrument!

# Technical details

## Release samples

All Patches are equipped with **release samples** for shorter and longer note durations which adapt automatically to the note length.

## Velocity layers

Naturally, there is only **one velocity layer for every Patch,** so that velocity crossfading should be off when you play the organ. Due to this circumstance, all Patches of a kind have the same number of samples and require the same amount of RAM – **Manual Patches** have 174 samples, each using up 10 MB of RAM, and go from C2 to A6, while **Pedal Patches** (ranging from C2 to A4) have 90 samples and require 5 MB of RAM.

## AB switches

The **AB switches** are the same for all Patches, and are set to A0 and B0 on the keyboard. **Manual AB switches** transpose the Patch down one octave, while **pedal AB switches** transpose up. This will allow you to play a pedal Patch together with a manual Patch on a keyboard with 88 keys. To create Matrices for this purpose, load manual Patches into the first slot of a Matrix Cell, and pedal Patches into its second slot (Cell crossfade must be off). If you now set the AB switch to B, you will get a set of pedal and manual, the pedal going from C1 to B2, the manual from C3 to A7.

## Matrices

If you want to create more complex Matrices, please take care that the Matrix keyswitches don't overlap with the instrument's play range or other keyswitches. The preconfigured VSL Organ Matrices always use the modwheel for horizontal Cell witching, and keys for vertical Cell switching (A1 to B1) where necessary. The Preset keyswitches start at C1; however, with the Vienna Instruments software you can also switch Matrices in a Preset with MIDI Program Changes (VI: 1 to 12; VI PRO: 1–112) so that it is easy to use the full range of Manual and Pedal combined on one keyboard. If you intend to do so, please take care to disable the Presets' keyswitches first.

# Stops

The organ stops' numbering follows their original numbering, and therefore is not always consecutive. This list gives an overview of the available stops.

## Manual I
Principal 16'
Bordun 16'
Principal 8'
Gedackt 8'
Hohlfloete 8'
Flute harmonique 8'
Fugara 8'
Gemshorn 8'
Dulciana 8'
Nasatquinte 5 1/3'
Octave 4'
Reedpipe 4' (Rohrfloete)
Viola 4'
Superoctave 2'
Rauschquinte 2 2/3' 2 f.
Kornett 8' 3–5 f.
Mixtur 2 2/3' 5 f.
Cymbel 2' 3 f.
Trumpet 16'
Trumpet 8'
Clarino 4'

## Manual II
Viola 16'
Quintatoen 16'
Principal 8'
Bordun 8'
Flauto traverso 8'
Clarabella 8'
Viola da Gamba 8'
Salicional 8'
Unda maris 8'
Octave 4'
Flute octaviante 4'
Gemshorn 4'

Quintatoen 4'
Woodpipe 2' (Waldfloete)
Sesquialtera 2 2/3' 2 f.
Progressio harmonica 3-5f
Mixtur 2 2/3' 4 f.
Clarinette 8'
Krummhorn 8'

## Manual III
Quinte 2 2/3'
Lieblich-Gedackt 16'
Violin-Principal 8'
Rohrfloete 8' (Reedpipe)
Still-gedeckt 8'
Wiener Floete 8'
Quintatoen 8'
Echo Gamba 8'
Aeoline 8'
Vox coelestis 8'
Octave 4'
Flute octaviante 4'
Zartfloete 4'
Aeolsharp 4'
Gemsquinte 2 2/3'
Flautino 2'
Terz 1 3_5'
Larigotquinte 1 1_3'
Septime 1 1_7'
Piccolo 1'
Harmonie aetherea 4f
Basson 16'
Trompette harmonique 8'
Oboe 8'
Vox humana 8'
Clairon harmonique 4'

## Manual IV
Bordun 16'
Clarinophon 8'
Doppel-Gedackt 8'
Concertflute 8'
Solo Gamba 8'
Rohrquinte 5 1_3'
Octave 4'
Soloflute 4'
Superoctave 2'
Gross-Cornett 3-5f
Tuba mirabilis 8'
Ophicleide 8'
Clairon harmonique 4'

## Pedal
Principalbass 32'
Principalbass 16'
Violon 16'
Subbass 16'
Echobass 16'
Salicetbass 16'
Quintbass 10 2/3'
Octavbass 8'
Gedacktbass 8'
Bassflute 8'
Cello 8'
Dulcianbass 8'
Octave 4'
Flauto 4'
Campana 10 2/3' 3 f.
Mixtur 5 1/3' 4 f.
Bombarde 32'
Trombone 16'
Trumpet 8'
Clarino 4'

# Registrations

To save samples and therefore gain polyphony, we prepared some useful registrations which comprise up to 10 stops. Also, there are modular manual and pedal registrations for "stacking up" or softening the sound, where 1 or 2 stops are added to subsequent modules.

In order to make a complete instrument of the organ, there also are valve sounds for all manuals and the pedal, as well as a Patch with the sound of the windchest and ambient noise of the Konzerthaus. You can use this patch to make quiet passages with soft stops sound more natural.

Here's a list of the available preconfigured registrations:

**Manual Registrations**
Small Principalplenum
Large Principalplenum
Large Principalplenum + Reeds
String Choir I
String Choir II
Flutes I
Flutes II
Modular Plenum-A
Modular Plenum-B
Modular Plenum-C
Modular Plenum-D
Modular Plenum-E
Modular Gedackt-A
Modular Gedackt-B
Modular Gedackt-C
Modular Gedackt-D
Gedackt + Woodpipe
Gedackt + Piccolo
Gedackt + Sesquialtera
Gedackt + Oct + Kornett
Salicional + Unda maris
Trompete 16' + 8'
Krummhorn + Oboe

**Pedal Registrations**
301P - Small Principalplenum
302P - Large Principalplenum
303P - Large Principalplenum + Reeds
304P - String Choir I
305P - String Choir II
306P - Flutes I
307P - Flutes II
308P - Modular Plenum-A
308P - Modular Plenum-B
308P - Modular Plenum-C
308P - Modular Plenum-D
308P - Modular Plenum-E
309P - Subbass + Gedacktbass

# 94 Konzerthaus Organ

## Patches

### 01 MANUAL I - Stops

**Labial (flute) stops:** Principal 16', Bordun 16', Principal 8', Gedackt 8', Hohlfloete 8', Flute harmonique 8', Fugara 8', Gemshorn 8', Dulciana 8', Nasatquinte 5 1/3', Octave 4', Reedpipe 4', Viola 4', Superoctave 2'

**Lingual (reed) stops:** Trumpet 16', Trumpet 8', Clarino 4'

**Mixed stops:** Rauschquinte 2f, Kornett 3-5f, Mixtur 5f, Cymbel 3f

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**29 Principal 16'**

Open-ended

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**30 Bordun 16'**

End-plugged

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**31 Principal 8'**

Open-ended

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**32 Gedackt 8'**

End-plugged

---

**33 Hohlfloete 8'**

Open-ended, cylindrical

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**34 Flute harmonique 8'**

Open-ended, cylindrical (wide); overblowing stop

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**35 Fugara 8'**

Open-ended

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**36 Gemshorn 8'**

Open conical pipes

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**37 Dulciana 8'**

Open-ended; conical-cylindrical pipes

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**38 Nasatquinte 5 1_3'**

5th above base

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**39 Octave 4'**

Open-ended

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**40 Reedpipe 4'**

Labial stop; half-plugged

**41 Viola 4'**

Labial stop; open-ended

**42 Superoctave 2'**

Open-ended

**43 Rauschquinte 2f**

Labial stops, 2 2/3'; open-ended, 3rd and 4th partial of base; 2 voices per note

**44 Kornett 3-5f**

8', 3 to 5 voices per note

**45 Mixtur 5f**

2 2/3', octave + 5th above base; 5 voices per note

**46 Cymbel 3f**

2', 3 voices per note

**47 Trumpet 16'**

Conical reed pipe

**48 Trumpet 8'**

Conical reed pipe

**49 Clarino 4'**

Reed pipe

## 02 MANUAL II - Stops

**Labial (flute) stops:** Viola 16', Quintatoen 16', Principal 8', Bordun 8', Flauto traverso 8', Clarabella 8', Viola da Gamba 8', Salicional 8', Unda maris 8', Octave 4', Flute octaviante 4', Gemshorn 4', Quintatoen 4', Woodpipe 2'

**Lingual (reed) stops:** Krummhorn 8', Clarinette 8'

**Mixed stops:** Sesquialtera 2f, Progressio harmonica 3-5f, Mixtur 2f

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### 01 Viola 16'
Open-ended

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### 02 Quintatoen 16'
End-plugged; strong 3rd and 5th partials

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### 03 Principal 8'
Open-ended

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### 04 Bordun 8'
End-plugged

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### 05 Flauto traverso 8'
Open-ended

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### 06 Clarabella 8'
Open-ended wood flute

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### 07 Viola da Gamba 8'
Open-ended

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### 08 Salicional 8'
"Willow pipe", open-ended

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### 09 Unda maris 8'
Tremulant register

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### 10 Octave 4'
Open-ended

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### 11 Flute octaviante 4'
Open-ended

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### 12 Gemshorn 4'
Labial stop; open-ended, conical pipes with narrow top

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### 13 Quintatoen 4'
End-plugged; strong 3rd and 5th partials

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### 14 Woodpipe 2'
Open-ended

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### 15 Sesquialtera 2f
2 2/3', 3rd + 5th partials of base; 2 voices per note

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**16 Progressio harmonica 3-5f**

Mixture with increasing ranks; 3 to 5 voice per note

**17 Mixtur 4f**

2 2/3', octave + 5th above base; 4 voices per note

**18 Clarinette 8'**

Reed stop, slightly conical

**19 Krummhorn 8'**

Reed pipe

## 03 MANUAL III - Stops

**Labial (flute) stops:** Quinte 2 2/3', Lieblich-Gedackt 16', Violin-Principal 8', Rohrfloete 8', Still-Gedeckt 8', Wiener Floete 8', Quintatoen 8', Echo Gamba 8', Vox coelestis 8', Octave 4', Flute octaviante 4', Zartfloete 4', Aeolsharp 4', Gemsquinte 2 2/3', Flautino 2', Terz 1 3_5', Larigotquinte 1 1_3', Septime 1 1_7', Piccolo 1'

**Lingual (reed) stops:** Basson 16', Aeoline 8', Trompette harmonique 8', Oboe 8', Vox humana 8', Clairon harmonique 4'

**Mixed stops:** Harmonia aetherea 4f

### 117 Quinte 2 2-3'
Oct. + 5th above base

### 124 Lieblich-Gedackt 16'
End-plugged

### 125 Violin-Principal 8'
Open-ended

### 126 Rohrfloete 8'
Half-plugged labial stop

### 127 Still-Gedeckt 8'
End-plugged

### 128 Wiener Floete 8'
Open-ended

### 129 Quintatoen 8'
End-plugged; strong 3rd and 5th partials

### 130 Echo Gamba 8'
Open-ended labial stop

### 131 Aeoline 8'
Open-ended labial stop; narrow measure

### 132 Vox coelestis 8'
Tremulant register, narrow measure

### 133 Octave 4'
Open-ended

### 134 Flute octaviante 4'
Open-ended, overblowing

### 135 Zartfloete 4'
Open-ended, conical

### 136 Aeolsharp 4'
Labial stop

**137 Gemsquinte 2 2-3'**

Conical pipes; octave + 5th above base

**138 Flautino 2'**

Labial stop; open-ended

**139 Terz 1 3_5'**

Open-ended, wide measure; aliquot 3rd (5th partial)

**140 Larigotquinte 1 1_3'**

Wide measure; aliquot 5th stop

**141 Septime 1 1_7'**

Aliquot 7th stop

**142 Piccolo 1'**

Cylindrical pipes

**143 Harmonia aetherea 4f**

Soft-toned mixture, 4 voices

**144 Basson 16'**

Reed stop; conical, half-plugged

**145 Trompette harmonique 8'**

Trumpet stop with harmonic (double length) resonators

**146 Oboe 8'**

Reed stop; conical, half-plugged

**147 Vox humana 8'**

Free-reed stop; end-plugged

**148 Clairon harmonique 4'**

Reed stop; conical

## 04 MANUAL IV - Stops

**Labial (flute) stops:** Bordun 16', Doppel-Gedackt 8', Concertflute 8', Solo Gamba 8', Ophicleide 8'
Rohrquinte 5 1_3', Octave 4', Soloflute 4', Superoctave 2', Gross-Cornett 3-5f

**Lingual (reed) stops:** Clarinophon 8', Tuba mirabilis 8', Clairon harmonique 4'

**109 Bordun 16'**
End-plugged

**110 Clarinophon 8'**
Clarinophon 8'

**111 Doppel-Gedackt 8'**
End-plugged

**112 Concertflute 8'**
Open-ended

**113 Solo Gamba 8'**
Labial stop, high pressure

**114 Rohrquinte 5 1_3'**
Aliquot 5th stop

**115 Octave 4'**
Octave 4'

**116 Soloflute 4'**
Soloflute 4'

**118 Superoctave 2'**
Open-ended

**119 Gross-Cornett 3-5f**
Mixed stop; 3 to 5 voices per note

**120 Tuba mirabilis 8'**
Reed stop, high pressure

**121 Ophicleide 8'**
High-pressure chorus reed

**122 Clairon harmonique 4'**
Conical reed stop, overblowing

## 06 MANUAL - Registrations

**Plena:** Small Principalplenum, Large Principalplenum without and with reeds, Modular Plenum A–E, Modular Gedackt A–D

**Other registrations:** String Choir I and II, Flutes I and II, Gedackt + Woodpipe, + Piccolo, + Sesquialtera, + Octave + Kornett, Salicional + Unda maris, Trumpet 16' + 8', Krummhorn + Oboe

### 201 - Small Principalplenum

31 Principal 8', 39 Octave 4', 42 Superoctave 2', 45 Mixtur 5f

### 202 - Large Principalplenum

31 Principal 8', 38 Nasatquinte 5 1/3', 39 Octave 4', 42 Superoctave 2', 43 Rauschquinte 2f, 45 Mixtur 5f, 46 Cymbel 3f

### 203 - Large Principalplenum + Reeds

31 Principal 8', 38 Nasatquinte 5 1/3', 39 Octave 4', 42 Superoctave 2', 43 Rauschquinte 2f, 45 Mixtur 5f, 46 Cymbel 3f, 47 Trumpet 16', 48 Trumpet 8', 49 Clarino 4'

### 204 - String Choir I

01 Viola 16', 04 Bordun 8', 07 Viola da Gamba 8', 11 Flute octaviante 4'

### 205 - String Choir II

124 Lieblich-Gedackt 16', 125 Violin-Principal 8', 136 Aeolsharp 4', 138 Flautino 2'

### 206 - Flutes I

02 Quintatoen 16', 04 Bordun 8', 12 Gemshorn 4', 14 Woodpipe 2'

### 207 - Flutes II

30 Bordun 16', 32 Gedackt 8', 35 Fugara 8', 40 Reedpipe 4'

### 208 - Modular Plenum-A

03 Principal 8', 10 Octave 4'

### 208 - Modular Plenum-B

03 Principal 8', 10 Octave 4', 42 Superoctave 2'

### 208 - Modular Plenum-C

03 Principal 8', 10 Octave 4', 42 Superoctave 2', 117 Quinte 2 2/3'

### 208 - Modular Plenum-D

03 Principal 8', 10 Octave 4', 42 Superoctave 2', 117 Quinte 2 2/3', 17 Mixtur 4f

### 208 - Modular Plenum-E

03 Principal 8', 10 Octave 4', 42 Superoctave 2', 117 Quinte 2 2/3', 17 Mixtur 4f, 02 Quintatoen 16'

### 209 - Modular Gedackt-A

32 Gedackt 8', 40 Reedpipe 4'

### 209 - Modular Gedackt-B

32 Gedackt 8', 40 Reedpipe 4', 14 Woodpipe 2', 137 Gemsquinte 2 2/3'

### 209 - Modular Gedackt-C

32 Gedackt 8', 40 Reedpipe 4', 14 Woodpipe 2', 137 Gemsquinte 2 2/3', 142 Piccolo 1'

**209 - Modular Gedackt-D**

32 Gedackt 8', 40 Reedpipe 4', 14 Woodpipe 2', 137 Gemsquinte 2 2/3', 142 Piccolo 1', 124 Lieblich-Gedackt 16'

**210 - Gedackt + Woodpipe**

Gedackt 8'+Woodpipe 2'

**211 - Gedackt + Piccolo**

Gedackt 8'+Piccolo 1'

**212 - Gedackt + Sesquialtera**

Gedackt 8'+Sesquialtera 2f

**213 - Gedackt + Oct + Kornett**

Gedackt 8'+Octave 4'+Kornett 3-5f

**214 - Salicional + Unda maris**

Salicional 8'+Unda maris 8'

**215 - Trompete 16' + 8'**

Trompete 16'+Trompete 8'

**216 - Krummhorn + Oboe**

Krummhorn 8'+Oboe 8'

## 11 PEDAL - Stops

**Labial (flute) stops:** Principalbass 32' and 16', Violon 16', Subbass 16', Echobass 16', Salicetbass 16', Quintbass 10 2/3', Octavbass 8', Gedacktbass 8', Bassflute 8', Cello 8', octave 4', Flauto 4'

**Mixed stops:** Campana 10 2/3', Mixtur 5 1/3'

**Lingual (reed) stops:** Dulcianbass 8', Bombarde 32', Trombone 16', Trumpet 8', Clarino 4'

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### 54 Principalbass 32'
Open-ended

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### 55 Principalbass 16'
Open-ended

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### 56 Violon 16'
Open-ended

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### 57 Subbass 16'
End-plugged

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### 58 Echobass 16'
Small-scaled bourdon

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### 59 Salicetbass 16'
"Willow pipe", open-ended

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### 60 Quintbass 10 2-3'
5th above base

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### 61 Octavbass 8'
Open-ended

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### 62 Gedacktbass 8'
End-plugged

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### 63 Bassflute 8'
Bassflute 8'

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### 64 Cello 8'
Cello 8'

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### 65 Dulcianbass 8'
Cylindrical reed pipe

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### 66 Octave 4'
Open-ended

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### 67 Flauto 4'
Labial pipes; wide measure

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### 68 Campana 3f
Mixed stop, 5th above base; 3 voices per note

**69 Mixtur 4f**

Mixed stop, octave + 5th above base; 4 voices per note

**77 Bombarde 32'**

Conical reed pipe

**78 Trombone 16'**

Conical reed pipe

**80 Trumpet 8'**

Conical reed pipe

**82 Clarino 4'**

Reed pipe

## 16 PEDAL - Registrations

**Plena:** Small Principalplenum, Large Principalplenum without and with reeds, Modular Plenum A–E

**Other registrations:** String Choir I and II, Flutes I and II, Subbass + Gedacktbass

### 301P - Small Principalplenum

55 Principalbass 16', 61 Octavbass 8', 66 Octave 4', 68 Campana 3f

### 302P - Large Principalplenum

54 Principalbass 32', 55 Principalbass 16', 57 Subbass 16', 60 Quintbass 10 2/3', 61 Octavbass 8', 66 Octave 4', 69 Mixtur 4f

### 303P - Large Principalplenum + Reeds

54 Principalbass 32', 55 Principalbass 16', 57 Subbass 16', 60 Quintbass 10 2/3', 61 Octavbass 8', 66 Octave 4', 69 Mixtur 4f, 77 Bombarde 32', 78 Trombone 16', 80 Trumpet 8', 82 Clarino 4'

### 304P - String Choir I

57 Subbass 16', 64 Cello 8'

### 305P - String Choir II

59 Salicetbass 16', 65 Dulcianbass 8'

### 306P - Flutes I

57 Subbass 16', 63 Bassflute 8'

### 307P - Flutes II

56 Violon 16', 82 Clarino 4'

### 308P - Modular Plenum-A

54 Principalbass 32', 55 Principalbass 16'

### 308P - Modular Plenum-B

54 Principalbass 32', 55 Principalbass 16', 61 Octavbass 8'

### 308P - Modular Plenum-C

54 Principalbass 32', 55 Principalbass 16', 61 Octavbass 8', 66 Octave 4'

### 308P - Modular Plenum-D

54 Principalbass 32', 55 Principalbass 16', 61 Octavbass 8', 66 Octave 4', 69 Mixtur 4f

### 308P - Modular Plenum-E

54 Principalbass 32', 55 Principalbass 16', 61 Octavbass 8', 66 Octave 4', 69 Mixtur 4f, 78 Trombone 16', 80 Trumpet 8'

### 309P - Subbass + Gedacktbass

57 Subbass 16', 62 Gedacktbass 8'

## 21 NOISES

Valve sounds of manual I–III, pedal valve sounds, windchest and ambience noise

| **401 - Valves Manual I** | **Samples: 58** | **RAM: 3 MB** |
|---|---|---|

Valve sounds of manual I
1 velocity layer

| **402 - Valves Manual II** | **Samples: 58** | **RAM: 3 MB** |
|---|---|---|

Valve sounds of manual II
1 velocity layer

| **403 - Valves Manual III** | **Samples: 58** | **RAM: 3 MB** |
|---|---|---|

Valve sounds of manual III
1 velocity layer

| **411 - Valves Pedal** | **Samples: 60** | **RAM: 3 MB** |
|---|---|---|

Valve sounds of the pedal

| **412 - Organ and concerthall noise** | **Samples: 1** | **RAM: 1 MB** |
|---|---|---|

Windchest and ambience noise of the Konzerthaus. If you use softer stops as solo voices, you can use this Patch to create an authentic noise floor.
1 velocity layer

## 99a RELEASE – Stops, 99b RELEASE - Registrations

The RELEASE sections contain release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

# Matrices

## Matrix Manual

### 01 Manual I All Stops                                                      Samples: 2784    RAM: 174 MB

All stops of Manual I:

29 Principal 16', 30 Bordun 16', 31 Principal 8', 32 Gedackt 8', 35 Fugara 8', 38 Nasatquinte 5 1/3'
39 Octave 4', 40 Reedpipe 4', 42 Superoctave 2', 43 Rauschquinte 2f, 44 Kornett 3-5f, 45 Mixtur 5f
46 Cymbel 3f, 47 Trumpet 16', 48 Trumpet 8', 49 Clarino 4'

**Matrix switches:**   Horizontal: Modwheel, 6  zones        Vertical: Keyswitches, A1–B1

|  | H1 | H2 | H3 | H4 | H5 | H6 |
|---|---|---|---|---|---|---|
| **A1** | 29 Principal 16' | 30 Bordun 16' | 31 Principal 8' | 32 Gedackt 8' | 35 Fugara 8' | 38 Nasatquinte 5 1/3' |
| **A#1** | 39 Octave 4' | 40 Reedpipe 4' | 42 Superoctave 2' | 43 Rauschquinte 2f | 44 Kornett 3-5f | 45 Mixtur 5f |
| **B1** | 46 Cymbel 3f | 47 Trumpet 16' | 48 Trumpet 8' | 49 Clarino 4' | 49 Clarino 4' | 49 Clarino 4' |

### 01 Manual I All Stops +                                                    Samples: 3306    RAM: 206 MB

All stops of Manual I (including Konzerthaus Organ II):

29 Principal 16', 30 Bordun 16', 31 Principal 8', 32 Gedackt 8', 33 Hohlfloete 8', 34 Flute harmonique 8', 35 Fugara 8'
36 Gemshorn 8', 37 Dulciana 8', 38 Nasatquinte 5 1/3'
39 Octave 4', 40 Reedpipe 4', 41 Viola 4', 42 Superoctave 2'
43 Rauschquinte 2f, 44 Kornett 3-5f, 45 Mixtur 5f, 46 Cymbel 3f, 47 Trumpet 16', 48 Trumpet 8', 49 Clarino 4'

**Matrix switches:**   Horizontal: Modwheel, 7  zones        Vertical: Keyswitches, A1–B1

|  | H1 | H2 | H3 | H4 | H5 | H6 | H7 |
|---|---|---|---|---|---|---|---|
| **A1** | 29 Principal 16' | 30 Bordun 16' | 31 Principal 8' | 32 Gedackt 8' | 33 Hohlfloete 8' | 34 Flute harmonique 8' | 35 Fugara 8' |
| **A#1** | 36 Gemshorn 8' | 37 Dulciana 8' | 38 Nasatquinte 5 1/3' | **39 Octave 4'** | 40 Reedpipe 4' | 41 Viola 4' | 42 Superoctave 2' |
| **B1** | 43 Rauschquinte 2f | 44 Kornett 3-5f | 45 Mixtur 5f | 46 Cymbel 3f | 47 Trumpet 16' | 48 Trumpet 8' | 49 Clarino 4' |

### 02 Manual II All Stops                                                     Samples: 2436    RAM: 152 MB

All stops of Manual II:

01 Viola 16', 02 Quintatoen 16', 03 Principal 8', 04 Bordun 8', 07 Viola da Gamba 8'
08 Salicional 8', 09 Unda maris 8', 10 Octave 4', 11 Flute octaviante 4', 12 Gemshorn 4'
14 Woodpipe 2', 15 Sesquialtera 2f, 17 Mixtur 4f, 19 Krummhorn 8'

**Matrix switches:**   Horizontal: Modwheel, 5  zones        Vertical: Keyswitches, A1–B1

|  | H1 | H2 | H3 | H4 | H5 |
|---|---|---|---|---|---|
| **A1** | 01 Viola 16' | 02 Quintatoen 16' | 03 Principal 8' | 04 Bordun 8' | 07 Viola da Gamba 8' |
| **A#1** | 08 Salicional 8' | 09 Unda maris 8' | 10 Octave 4' | 11 Flute octaviante 4' | 12 Gemshorn 4' |
| **B1** | 14 Woodpipe 2' | 15 Sesquialtera 2f | 17 Mixtur 4f | 19 Krummhorn 8' | 19 Krummhorn 8' |

## 02 Manual II All Stops +                                                     Samples: 3132    RAM: 195 MB

All stops of Manual II (including Konzerthaus Organ II):

01 Viola 16', 02 Quintatoen 16', 03 Principal 8', 04 Bordun 8', 05 Flauto traverso 8', 06 Clarabella 8'

07 Viola da Gamba 8', 08 Salicional 8', 09 Unda maris 8', 10 Octave 4', 11 Flute octaviante 4', 12 Gemshorn 4'

13 Quintatoen 4', 14 Woodpipe 2', 15 Sesqualtera 2f, 16 Progressio harmonica 3-5f, 17 Mixtur 4f, 18 Clarinette 8'

**Matrix switches:**   Horizontal: Modwheel, 6 zones        Vertical: Keyswitches, A1–B1

|     | H1 | H2 | H3 | H4 | H5 | H6 |
|-----|----|----|----|----|----|----|
| A1  | 01 Viola 16' | 02 Quintatoen 16' | 03 Principal 8' | 04 Bordun 8' | 05 Flauto traverso 8' | 06 Clarabella 8' |
| A#1 | 07 Viola da Gamba 8' | 08 Salicional 8' | 09 Unda maris 8' | 10 Octave 4' | 11 Flute octaviante 4' | 12 Gemshorn 4' |
| B1  | 13 Quintatoen 4' | 14 Woodpipe 2' | 15 Sesqualtera 2f | 16 Progressio harmonica 3-5f | 17 Mixtur 4f | 18 Clarinette 8' |

## 03 Manual III All Stops                                                      Samples: 1566    RAM: 97 MB

All stops of Manual III:

117 Quinte 2 2/3', 124 Lieblich-Gedackt 16', 125 Violin-Principal 8', 132 Vox coelestis 8', 136 Aeolsharp 4'

137 Gemsquinte 2 2/3', 138 Flautino 2', 142 Piccolo 1', 146 Oboe 8'

**Matrix switches:**   Horizontal: Modwheel, 5 zones        Vertical: Keyswitches, A1–A#1

|     | H1 | H2 | H3 | H4 | H5 |
|-----|----|----|----|----|----|
| A1  | 117 Quinte 2 2/3' | 124 Lieblich-Gedackt 16' | 125 Violin-Principal 8' | 132 Vox coelestis 8' | 136 Aeolsharp 4' |
| A#1 | 137 Gemsquinte 2 2/3' | 138 Flautino 2' | 142 Piccolo 1' | 146 Oboe 8' | 146 Oboe 8' |

## 03 Manual III All Stops +                                                    Samples: 4524    RAM: 282 MB

All stops of Manual III (including Konzerthaus Organ II):

117 Quinte 2 2/3', 124 Lieblich-Gedackt 16', 125 Violin-Principal 8', 126 Rohrfloete 8', 127 Still-Gedeckt 8', 128 Wiener Floete 8', 129 Quintatoen 8', 130 Echo Gamba 8', 131 Aeoline 8'

132 Vox coelestis 8', 133 Octave 4', 134 Flute octaviante 4', 135 Zartfloete 4', 136 Aeolsharp 4', 137 Gemsquinte 2 2/3', 138 Flautino 2', 139 Terz 1 3_5', 140 Larigotquinte 1 1_3'

141 Septime 1 1_7', 142 Piccolo 1', 143 Harmonia aetherea 4f, 144 Basson 16', 145 Trompette harmonique 8', 146 Oboe 8', 147 Vox humana 8', 148 Clairon harmonique 4'

**Matrix switches:**   Horizontal: Modwheel, 9 zones        Vertical: Keyswitches, A1–B1

|     | H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8 | H9 |
|-----|----|----|----|----|----|----|----|----|----|
| A1  | 117 Quinte 2 2/3' | 124 Lieblich-Gedackt 16' | 125 Violin-Principal 8' | 126 Rohrfloete 8' | 127 Still-Gedeckt 8' | 128 Wiener Floete 8' | 129 Quintatoen 8' | 130 Echo Gamba 8' | 131 Aeoline 8' |
| A#1 | 132 Vox coelestis 8' | 133 Octave 4' | 134 Flute octaviante 4' | 135 Zartfloete 4' | 136 Aeolsharp 4' | 137 Gemsquinte 2 2/3' | 138 Flautino 2' | 139 Terz 1 3_5' | 140 Larigotquinte 1 1_3' |
| B1  | 141 Septime 1 1_7' | 142 Piccolo 1' | 143 Harmonia aetherea 4f | 144 Basson 16' | 145 Trompette harmonique 8' | 146 Oboe 8' | 147 Vox humana 8' | 148 Clairon harmonique 4' | 148 Clairon harmonique 4' |

## 04 Manual IV All Stops +                                    Samples: 2262    RAM: 141 MB

All stops of Manual IV (only Konzerthaus Organ ll):

109 Bordun 16', 110 Clarinophon 8', 111 Doppel-Gedackt 8', 112 Concertflute 8', 113 Solo Gamba 8'

114 Rohrquinte 5 1_3', 115 Octave 4', 116 Soloflute 4', 118 Superoctave 2', 119 Gross-Cornett 3-5f

120 Tuba mirabilis 8', 121 Ophicleide 8', 122 Clairon harmonique 4'

**Matrix switches:**   Horizontal: Modwheel, 5  zones        Vertical: Keyswitches, A1–B1

|     | H1 | H2 | H3 | H4 | H5 |
|-----|----|----|----|----|----|
| A1  | 109 Bordun 16' | 110 Clarinophon 8' | 111 Doppel-Gedackt 8' | 112 Concertflute 8' | 113 Solo Gamba 8' |
| A#1 | 114 Rohrquinte 5 1_3' | 115 Octave 4' | 116 Soloflute 4' | 118 Superoctave 2' | 119 Gross-Cornett 3-5f |
| B1  | 120 Tuba mirabilis 8' | 121 Ophicleide 8' | 122 Clairon harmonique 4' | 122 Clairon harmonique 4' | 122 Clairon harmonique 4' |

## 11 Manual Reg Plenum                                        Samples: 522    RAM: 32 MB

Plenum Registrations:

201 - Small Principalplenum

202 - Large Principalplenum

203 - Large Principalplenum + Reeds

**Matrix switches:**   Horizontal: Modwheel, 3 zones

|     | H1 | H2 | H3 |
|-----|----|----|----|
| V1  | 201 - Small Principalplenum | 202 - Large Principalplenum | 203 - Large Principalplenum + Reeds |

## 12 Manual Reg Plenum Modular                                Samples: 870    RAM: 54 MB

Modular Manual Plenum registrations:

208 - Modular Plenum-A to 208 - Modular Plenum-E

**Matrix switches:**   Horizontal: Modwheel, 5 zones

|     | H1 | H2 | H3 | H4 | H5 |
|-----|----|----|----|----|----|
| V1  | 208 - Modular Plenum-A | 208 - Modular Plenum-B | 208 - Modular Plenum-C | 208 - Modular Plenum-D | 208 - Modular Plenum-E |

## 13 Manual Reg Choir+Flutes                                  Samples: 696    RAM: 43 MB

Manual choir and flutes registrations:

204 - String Choir I, 205 - String Choir ll

206 - Flutes I, 207 - Flutes ll

**Matrix switches:**   Horizontal: Modwheel, 4 zones

|     | H1 | H2 | H3 | H4 |
|-----|----|----|----|----|
| V1  | 204 - String Choir I | 205 - String Choir II | 206 - Flutes I | 207 - Flutes II |

## 14 Manual Reg Gedackt                                       Samples: 696    RAM: 43 MB

Manual Gedackt registrations:

210 - Gedackt+Woodpipe, 211 - Gedackt+Piccolo, 212 - Gedackt+Sesquialtera, 213 - Gedackt+Oct+Kornett

**Matrix switches:**   Horizontal: Modwheel, 4 zones

|     | H1 | H2 | H3 | H4 |
|-----|----|----|----|----|
| V1  | 210 - Gedackt+Woodpipe | 211 - Gedackt+Piccolo | 212 - Gedackt+Sesquialtera | 213 - Gedackt+Oct+Kornett |

### 15 Manual Reg Gedackt Modular                                   Samples: 696     RAM: 43 MB

Modular Manual Gedackt registrations:

209 - Modular Gedackt-A to 209 - Modular Gedackt-D

**Matrix switches:**   Horizontal: Modwheel, 4 zones

|    | H1 | H2 | H3 | H4 |
|----|----|----|----|----|
| V1 | 209 - Modular Gedackt-A | 209 - Modular Gedackt-B | 209 - Modular Gedackt-C | 209 - Modular Gedackt-D |

## Matrix Pedal

### 21 Pedal All Stops                                              Samples: 1620    RAM: 101 MB

All Pedal stops:

54 Principalbass 32', 55 Principalbass 16', 56 Violon 16', 57 Subbass 16', 59 Salicetbass 16', 60 Quintbass 10 2/3'
61 Octavbass 8', 62 Gedacktbass 8', 63 Bassflute 8', 64 Cello 8', 65 Dulcianbass 8', 66 Octave 4'
68 Campana 3f, 69 Mixtur 4f, 77 Bombarde 32', 78 Trombone 16', 80 Trumpet 8', 82 Clarino 4'

**Matrix switches:**   Horizontal: Modwheel, 6 zones        Vertical: Keyswitches, A1–B1

|     | H1 | H2 | H3 | H4 | H5 | H6 |
|-----|----|----|----|----|----|----|
| A1  | 54 Principalbass 32' | 55 Principalbass 16' | 56 Violon 16' | 57 Subbass 16' | 59 Salicetbass 16' | 60 Quintbass 10 2/3' |
| A#1 | 61 Octavbass 8' | 62 Gedacktbass 8' | 63 Bassflute 8' | 64 Cello 8' | 65 Dulcianbass 8' | 66 Octave 4' |
| B1  | 68 Campana 3' | 69 Mixtur 4f | 77 Bombarde 32' | 78 Trombone 16' | 80 Trumpet 8' | 82 Clarino 4' |

### 21 Pedal All Stops +                                            Samples: 1710    RAM: 106 MB

All Pedal stops (including Konzerthaus Organ II):

54 Principalbass 32', 55 Principalbass 16', 56 Violon 16', 57 Subbass 16', 59 Salicetbass 16', 60 Quintbass 10 2/3', 61 Octavbass 8'
62 Gedacktbass 8', 63 Bassflute 8', 64 Cello 8', 65 Dulcianbass 8', 66 Octave 4', 67 Flauto 4', 68 Campana 3f
69 Mixtur 4f, 77 Bombarde 32', 78 Trombone 16', 80 Trumpet 8', 82 Clarino 4'

**Matrix switches:**   Horizontal: Modwheel, 7 zones        Vertical: Keyswitches, A1–B1

|     | H1 | H2 | H3 | H4 | H5 | H6 | H7 |
|-----|----|----|----|----|----|----|----|
| A1  | 54 Principalbass 32' | 55 Principalbass 16' | 56 Violon 16' | 57 Subbass 16' | 59 Salicetbass 16' | 60 Quintbass 10 2/3' | 61 Octavbass 8' |
| A#1 | 62 Gedacktbass 8' | 63 Bassflute 8' | 64 Cello 8' | 65 Dulcianbass 8' | 66 Octave 4' | 67 Flauto 4' | 68 Campana 3f |
| B1  | 69 Mixtur 4f | 77 Bombarde 32' | 78 Trombone 16' | 80 Trumpet 8' | 82 Clarino 4' | 82 Clarino 4' | |

### 31 Pedal Reg Plenum                                             Samples: 270     RAM: 16 MB

Pedal Plenum registrations:

301P - Small Principalplenum
302P - Large Principalplenum
303P - Large Prinzip. + Reeds

**Matrix switches:**   Horizontal: Modwheel, 3 zones

|    | H1 | H2 | H3 |
|----|----|----|----|
| V1 | 301P - Small Principalplenum | 302P - Large Principalplenum | 303P - Large Prinzip. + Reeds |

## 32 Pedal Reg Plenum Modular  Samples: 450  RAM: 28 MB

Modular Manual Plenum registrations:

308P - Modular Plenum-A to 308P - Modular Plenum-E

**Matrix switches:**  Horizontal: Modwheel, 5 zones

|     | H1 | H2 | H3 | H4 | H5 |
|-----|-----|-----|-----|-----|-----|
| V1 | 308P - Modular Plenum-A | 308P - Modular Plenum-B | 308P - Modular Plenum-C | 308P - Modular Plenum-D | 308P - Modular Plenum-E |

## 33 Pedal Reg Choir+Flutes  Samples: 360  RAM: 22 MB

Pedal choir and flutes registrations:

304P - String Choir I, 305P - String Choir II

306P - Flutes I, 307P - Flutes II

**Matrix switches:**  Horizontal: Modwheel, 4 zones

|     | H1 | H2 | H3 | H4 |
|-----|-----|-----|-----|-----|
| V1 | 304P - String Choir I | 305P - String Choir II | 306P - Flutes I | 307P - Flutes II |

# Presets

### KH-Organ Manuals VSL Preset
**Samples: 10266   RAM: 641 MB**

Manual Matrices:
11 Manual Reg Plenum
12 Manual Reg Plenum Modular
14 Manual Reg Gedackt
15  Manual Reg Gedackt Modular
13 Manual Reg Choir + Flutes
01 Manual I All Stops
02 Manual II All Stops
03 Manual III All Stops
Keyswitches: C1–G1

### KH-Organ Manuals VSL Preset +
**Samples: 16878 RAM: 1054 MB**

Matrices:
11 Manual Reg Plenum
12 Manual Reg Plenum Modular
14 Manual Reg Gedackt
15 Manual Gedackt Modular
13 Manual Reg Choir+Flutes
01–04 Manual All Stops I–IV +
Matrix Keyswitches: C1–G#1

### KH-Organ Pedal VSL Preset
**Samples: 2700    RAM: 168 MB**

Pedal Matrices:
31 Pedal Reg Plenum
32 Pedal Reg Plenum Modular
33 Pedal Reg Choir + Flutes,
21 Pedal All Stops
Keyswitches: C1–D#1

### KH-Organ Pedal VSL Preset +
**Samples: 2790    RAM: 174 MB**

Matrices:
31 Pedal Reg Plenum
32 Pedal Reg Plenum Modular
33 Pedal Reg Choir+Flutes
21 Pedal All Stops +
Matrix Keyswitches: C1–D#1